

CONTROL VALVE MANUFACTURER IN GERMANY

Valvesonly Europe is a top [Control Valve manufacturer in Germany](#). By altering the size of the flow passage, a control valve can regulate the flow of fluid. They control the flow of liquids, gases, oil, water, and steam and are powered.

Certain control valves drop the greater pressure to a stable lower pressure. It manages the strain entirely on its own, without the use of any outside force.

Actuator, positioner, and valve body are all components of control valves. The valve body has a bonnet and trim. It offers pipe connecting ends, supports the seat surface and valve closure components, and is made to resist fluid static pressure and differentiatel pressure while allowing fluid flow. Electric, hydraulic, or pneumatic control valves are all options. Additionally, it contains attachments including pressure regulators, hand wheels, position indicators, limit switches, and electro-pneumatic transducers.

Types of Control Valve are –

- Three-way control valve
- Cage type control valve
- Double seat control valve
- O type shutoff control valve
- Single Seat control valve
- Water Control valve
- Globe Control valve

Control Valves Have Many Benefits:

- Rapid and efficient operation.
- Totally dependable.
- Long-lasting service life.
- The layout is small, making the best use of available space.
- Pressure drop is minimal

Purpose of Control Valve –

- The rate of flow depends upon the pressure difference between inlet and outlet.
- To lessen the flow the valve closes which causes back pressure and a difference between inlet pressure and outlet pressure.

- The valve opens and lowers the back pressure and pressure differential inside the valve to improve flow.

Description:

- **Materials:** Ductile Iron, Cast iron, WCB, WCC, WC6, LCC, LCB, SS316, SS304, F51, F53, F55, LF2, WC9
- **Class:** 150 to 2500.
- **Nominal Pressure:** PN10 to PN450.
- **Size:** ½" to 24".
- **Medium:** Air, Water, Chemical, Steam, Oil
- **Operations:** Electro Pneumatic Operated and Pneumatic Operated.

Pneumatic actuator details-

- Torque – 3 – 9000 nm
- Operating pressure- 8 Bar
- Port Connection-NPT1.4"
- Mounting Base-ISO5211
- Temperature--20°C - +80°C

- **Electric actuator details-**

- Torque – 3 – 9 nm
- Operating pressure- 8 Bar
- Port Connection-NPT1.4"
- Mounting Base-ISO5211
- Temperature--20°C - +80°C



Visit here for more details: <https://www.valvesonlyeurope.com/product-category/control-valve/>